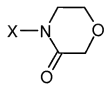
This listing of claims will replace all prior versions, and listings, of claims in the application:

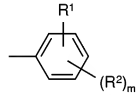
Listing of Claims:

1. (Currently Amended) A process ~~Process~~ for the preparation of a compound ~~compounds~~ of ~~the~~ formula I



I

in which

X denotes  ,

R^1 denotes NO_2, CN, $COOR^3$, $CON(R^3)_2$, COR^3, SO_2R^4, $SO_2N(R^3)_2$, CF_3, F or Cl,

R^2 denotes H, Hal, A, OR^3, $N(R^3)_2$, NO_2, CN, $COOR^3$, $CON(R^3)_2$, NR^3COA, $NR^3CON(R^3)_2$, NR^3COOR^3, NR^3SO_2A, $-[C(R^5)_2]_n$-Ar, $-[C(R^5)_2]_n$-Het, $-[C(R^5)_2]_n$-cycloalkyl, COR^3, $SO_2N(R^3)_2$ or SO_2R^4,

R^3 denotes H, A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,

R^4 denotes A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,

R^5 denotes H or A',

Ar denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR^5, $N(R^5)_2$, NO_2, CN, $COOR^5$, $CON(R^5)_2$, NR^5COA, NR^5SO_2A, COR^5, $SO_2N(R^5)_2$ or $S(O)_nA$,

Het denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms which is unsubstituted or mono- or disubstituted by Hal, A, OR^5, $N(R^5)_2$, NO_2, CN,

$COOR^5$, $CON(R^5)_2$, NR^5COA, NR^5SO_2A, COR^5, $SO_2N(R^5)_2$, $S(O)_nA$ and/or carbonyl oxygen (=O),

A' denotes unbranched or branched alkyl having 1-6 C atoms,

A denotes unbranched, branched or cyclic ~~cylic~~ alkyl having 1-12 C atoms, in which one or two CH_2 groups may be replaced by O or S atoms and/or by -CH=CH- groups and/or in addition 1-7 H atoms may be replaced by F,

Hal denotes F, Cl, Br or I,

n denotes 0, 1 or 2,

m denotes 0, 1, 2, 3 or 4,

and salts thereof, characterised in that

a) a compound of the formula II which has a pK_a value ≤ 3

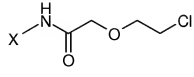
$X\text{-}NH_2$ II

in which

X has the meaning indicated above,

is reacted with 5-chloro-2,3-dihydro-1,4-dioxin

to give a compound of the formula III



III

in which

X has the meaning indicated above,

b) then a compound of the formula III is cyclised to give a compound of the formula I,

and

c) the latter is optionally converted into its salt

by converting a base or acid of the formula I into one of its salts.

2. (Currently Amended) A process ~~Process~~ according to Claim 1 for the preparation of a compound ~~compounds~~ of ~~the~~ formula I

in which

R^1 denotes NO_2, CN, $COOR^3$, COR^3 or Cl,

R^2 denotes H, Hal or A,

and salts thereof.

3. (Currently Amended) A process ~~Process~~ according to Claim 1 for the preparation of a compound ~~compounds~~ of ~~the~~ formula I

in which

R^1 denotes NO_2, CN, $COOR^3$, $CON(R^3)_2$, COR^3, SO_2R^4, $SO_2N(R^3)_2$, CF_3, F or Cl,

R^2 denotes H, Hal or A,

R^3 denotes H, A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,

and salts thereof.

4. (Currently Amended) A process ~~Process~~ according to Claim 1 for the preparation of a compound ~~compounds~~ of ~~the~~ formula I

in which

Ar denotes phenyl,

and salts thereof.

5. (Currently Amended) A process ~~Process~~ according to Claim 1 for the preparation of a compound ~~compounds~~ of ~~the~~ formula I

in which

R^4 denotes A,

and salts thereof.

6. (Currently Amended) A process ~~Process~~ according to Claim 1 for the preparation of a compound ~~compounds~~ of ~~the~~ formula I

in which

R^1 denotes NO_2, CN, $COOR^3$, $CON(R^3)_2$, COR^3, CF_3, F or Cl,

R^2 denotes H, Hal or A',

R^3 denotes H, A' or $-[C(R^5)_2]_n-Ar$,

Ar denotes phenyl,

R^5 denotes H or A',

A' denotes unbranched or branched alkyl having 1-6 C atoms,

Hal denotes F, Cl, Br or I,

n denotes 0, 1 or 2,

and salts thereof.

7. (Cancelled)

8. (Currently Amended) A process ~~Process~~ according to claim 1 in which process steps a) and b) are carried out as a one-pot reaction.

9. (Currently Amended) A process ~~Process~~ according to claim 1 in which process step a) is carried out at a temperature between 0 and 150°C.

10. (Currently Amended) A process ~~Process~~ according to Claim 9, in which process step a) is carried out at a temperature between 70 and 90°C.

11. (Currently Amended) A process ~~Process~~ according to claim 1 in which the cyclization ~~cyclisation~~ is carried out in an inert solvent or solvent mixture, in the presence of an alkali or alkaline earth metal hydroxide, carbonate or bicarbonate.

12. (Currently Amended) A process ~~Process~~ according to claim 1 in which the cyclization ~~cyclisation~~ is carried out in the presence of caesium carbonate or potassium carbonate.

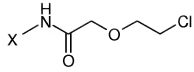
13. (Currently Amended) A process ~~Process~~ according to claim 1 in which the process is carried out as a one-pot reaction in acetonitrile.

14. (Currently Amended) A process ~~Process~~ according to claim 1 for the preparation of ~~compounds selected from the group~~

4-(4-nitrophenyl)-3-oxomorpholine,
4-(3-nitrophenyl)-3-oxomorpholine,
4-(2-nitrophenyl)-3-oxomorpholine,
2-methyl-4-(4-nitrophenyl)-3-oxomorpholine,
4-(4-methoxycarbonylphenyl)-3-oxomorpholine,
4-(4-benzoylphenyl)-3-oxomorpholine,

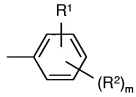
~~and salts~~ or a salt thereof.

15. (Withdrawn-currently amended) An intermediate compound ~~Intermediate compounds~~ of the formula III



III

in which

X denotes  ,

R^1	denotes NO_2 or CN,
R^2	denotes H, Hal, A, OR^3, $N(R^3)_2$, NO_2, CN, $COOR^3$, $CON(R^3)_2$, NR^3COA, $NR^3CON(R^3)_2$, NR^3COOR^3, NR^3SO_2A, $-[C(R^5)_2]_n$-Ar, $-[C(R^5)_2]_n$-Het, $-[C(R^5)_2]_n$-cycloalkyl, COR^3, $SO_2N(R^3)_2$ or SO_2R^4,
R^3	denotes H, A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,
R^4	denotes A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,
R^5	denotes H or A',
Ar	denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR^5, $N(R^5)_2$, NO_2, CN, $COOR^5$, $CON(R^5)_2$, NR^5COA, NR^5SO_2A, COR^5, $SO_2N(R^5)_2$ or $S(O)_nA$,
Het	denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms which is unsubstituted or mono- or disubstituted by Hal, A, OR^5, $N(R^5)_2$, NO_2, CN, $COOR^5$, $CON(R^5)_2$, NR^5COA, NR^5SO_2A, COR^5, $SO_2N(R^5)_2$, $S(O)_nA$ and/or carbonyl oxygen (=O),
A'	denotes unbranched or branched alkyl having 1-6 C atoms,
A	denotes unbranched, branched or cyclic ~~cylic~~ alkyl having 1-12 C atoms, in which one or two CH_2 groups may be replaced by O or S atoms and/or by -CH=CH- groups and/or in addition 1-7 H atoms may be replaced by F,
Hal	denotes F, Cl, Br or I,

n denotes 0, 1 or 2,

m denotes 0, 1, 2, 3 or 4,

and salts thereof.

16. (Withdrawn-currently amended) An intermediate compound ~~Intermediate compounds~~ according to Claim 15 in which

R^1 denotes NO_2 or CN,

R^2 denotes H, Hal or A,

and salts thereof.

17. (Withdrawn-currently amended) An intermediate compound ~~Intermediate compounds~~ according to Claim 15, in which

R^1 denotes NO_2 or CN,

R^2 denotes H, Hal or A,

R^3 denotes H, A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,

and salts thereof.

18. (Withdrawn-currently amended) An intermediate compound ~~Intermediate compounds~~ according to Claim 15 in which

Ar denotes phenyl,

and salts thereof.

19. (Withdrawn-currently amended) An intermediate compound ~~Intermediate compounds~~ according to claim 15 in which

R^4 denotes A,

and salts thereof.

20. (Withdrawn-currently amended) An intermediate compound ~~Intermediate compounds~~ according to claim 15 in which

R^1 denotes NO_2 or CN,

R^2 denotes H, Hal or A',

R^3 denotes H, A' or $-[C(R^5)_2]_n-Ar$,

Ar denotes phenyl,

R^5 denotes H or A',

A' denotes unbranched or branched alkyl having 1-6 C atoms,

Hal denotes F, Cl, Br or I,

n denotes 0, 1 or 2,

m denotes 0, 1 or 2,

and salts thereof.

21. (Withdrawn-currently amended) An intermediate compound ~~Intermediate compounds~~ according to Claim 20 in which

R^1 denotes NO_2,

R^2 denotes H, Hal or A',

R^3 denotes H, A' or $-[C(R^5)_2]_n-Ar$,

Ar denotes phenyl,

R^5 denotes H or A',

A' denotes unbranched or branched alkyl having 1-6 C atoms,

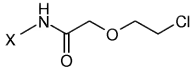
Hal denotes F, Cl, Br or I,

n denotes 0, 1 or 2,

m denotes 0, 1 or 2,

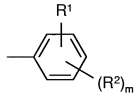
and salts thereof.

22. (Withdrawn-currently amended) A process ~~Process~~ for the preparation of an intermediate compound ~~intermediate compounds~~ of the formula III



III

in which

X denotes  ,

R^1	denotes NO_2, CN, $COOR^3$, $CON(R^3)_2$, COR^3, SO_2R^4, $SO_2N(R^3)_2$, CF_3, F or Cl,
R^2	denotes H, Hal, A, OR^3, $N(R^3)_2$, NO_2, CN, $COOR^3$, $CON(R^3)_2$, NR^3COA, $NR^3CON(R^3)_2$, NR^3COOR^3, NR^3SO_2A, $-[C(R^5)_2]_n$-Ar, $-[C(R^5)_2]_n$-Het, $-[C(R^5)_2]_n$-cycloalkyl, COR^3, $SO_2N(R^3)_2$ or SO_2R^4,
R^3	denotes H, A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,
R^4	denotes A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,
R^5	denotes H or A',
Ar	denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR^5, $N(R^5)_2$, NO_2, CN, $COOR^5$, $CON(R^5)_2$, NR^5COA, NR^5SO_2A, COR^5, $SO_2N(R^5)_2$ or $S(O)_nA$,
Het	denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms which is unsubstituted or mono- or disubstituted by Hal, A, OR^5, $N(R^5)_2$, NO_2, CN, $COOR^5$, $CON(R^5)_2$, NR^5COA, NR^5SO_2A, COR^5, $SO_2N(R^5)_2$, $S(O)_nA$ and/or carbonyl oxygen (=O),
A'	denotes unbranched or branched alkyl having 1-6 C atoms,
A	denotes unbranched, branched or cyclic ~~cylic~~ alkyl having 1-12 C atoms, in which one or two CH_2 groups may be replaced by O or S atoms and/or by -CH=CH- groups and/or in addition 1-7 H atoms may be replaced by F,

Hal denotes F, Cl, Br or I,

n denotes 0, 1 or 2,

m denotes 0, 1, 2, 3 or 4,

and salts thereof, characterised in that

a) a compound of the formula II

$$X\text{-}NH_2 \qquad II$$

in which

X has the meaning indicated above,

is reacted with 5-chloro-2,3-dihydro-1,4-dioxin

and

the compound of the formula III is optionally converted into its salt.

23. (Withdrawn-currently amended) A process ~~Process~~ according to Claim 22 for the preparation of an intermediate compound ~~compounds~~ of the formula III in which

R^1 denotes NO_2 or CN,

R^2 denotes H, Hal, A, OR^3, $N(R^3)_2$, NO_2, CN, $COOR^3$, $CON(R^3)_2$, NR^3COA, $NR^3CON(R^3)_2$, NR^3COOR^3, NR^3SO_2A, $-[C(R^5)_2]_n$-Ar, $-[C(R^5)_2]_n$-Het, $-[C(R^5)_2]_n$-cycloalkyl, COR^3, $SO_2N(R^3)_2$ or SO_2R^4,

R^3 denotes H, A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,

R^4 denotes A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het,

R^5 denotes H or A',

Ar denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR^5, $N(R^5)_2$, NO_2, CN, $COOR^5$, $CON(R^5)_2$, NR^5COA, NR^5SO_2A, COR^5, $SO_2N(R^5)_2$ or $S(O)_nA$,

Het denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms which is unsubstituted or mono- or disubstituted by Hal, A, OR^5, $N(R^5)_2$, NO_2, CN, $COOR^5$, $CON(R^5)_2$, NR^5COA, NR^5SO_2A, COR^5, $SO_2N(R^5)_2$, $S(O)_nA$ and/or carbonyl oxygen (=O),

A' denotes unbranched or branched alkyl having 1-6 C atoms,

A denotes unbranched, branched or cyclic ~~cylic~~ alkyl having 1-12 C atoms, in which one or two CH_2 groups may be replaced by O or S atoms and/or by -CH=CH- groups and/or in addition 1-7 H atoms may be replaced by F,

Hal denotes F, Cl, Br or I,

n denotes 0, 1 or 2,

m denotes 0, 1, 2, 3 or 4.

24. (Withdrawn-currently amended) A process ~~Process~~ according to Claim 23 for the preparation of an intermediate compound ~~compounds~~ of the formula III in which

R^1 denotes NO_2 or CN,

R^2 denotes H, Hal or A.

25. (Withdrawn-currently amended) A process ~~Process~~ according to Claim 23 for the preparation of an intermediate compound ~~compounds~~ of the formula III in which

R^1 denotes NO_2 or CN,

R^2 denotes H, Hal or A,

R^3 denotes H, A, $-[C(R^5)_2]_n$-Ar or $-[C(R^5)_2]_n$-Het.

26. (Withdrawn-currently amended) A process ~~Process~~ according to Claim 23 for the preparation of an intermediate compound ~~compounds~~ of the formula III in which

Ar denotes phenyl.

27. (Withdrawn-currently amended) A process ~~Process~~ according to Claim 23 for the preparation of an intermediate compound ~~compounds~~ of the formula III in which

R^4 denotes A.

28. (Withdrawn-currently amended) A process ~~Process~~ according to Claim 23 for the preparation of an intermediate compound ~~compounds~~ of the formula III in which

R^1 denotes NO_2 or CN,

R^2 denotes H, Hal or A',

R^3 denotes H, A' or $-[C(R^5)_2]_n$-Ar,

Ar denotes phenyl,

R^5 denotes H or A',

A' denotes unbranched or branched alkyl having 1-6 C atoms,

Hal denotes F, Cl, Br or I,

n denotes 0, 1 or 2,

m denotes 0, 1 or 2.